

Applicant: O'Leary *et al.*
For: HIGH FREQUENCY INFRARED RADIATION SOURCE

ABSTRACT OF THE DISCLOSURE

5 A high frequency infrared radiation source including a hermetically sealed chamber with
a plasma generating gas therein, a pair of spaced electrodes in the chamber for creating a plasma
therebetween, a window in the chamber, and a collimating lens made of infrared radiation
transmissive material disposed between the pair of electrodes and the window.